

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1553	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (well or sea) with (equipment or tool or machine or device or system)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:02
S2	43417	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:02
S3	33	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:03
S4	28	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:03
S5	13	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with topological with map and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:03
S6	11	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with topological with map and knowledge and node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:08
S7	4	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with topological with map and knowledge and node and (link\$3 or interface or communicat\$4) with connection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:09
S8	2	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with topological with map and knowledge and node and (link\$3 or interface or communicat\$4) with connection and topological with map with node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:15

S9	0	ep-0871126-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:17
S10	2	ep-1136912-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:18
S11	6	((("5132920") or ("5150367") or ("5633800"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/30 10:21
S12	0	("I11andtopological").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/30 10:22
S13	3	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) and node with topological with map and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:24
S14	3	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) and topological with map with target and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:26
S15	11	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) and topological with target and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:27
S16	17	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) and topological with knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:30
S17	9	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) and topological with knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:30
S18	1036	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with component	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:31
S19	436	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with component and connect\$4 with component	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:31

S20	645	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with component and (interface or communicat\$4 or connect\$4) with component	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:33
S21	10	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with component and (interface or communicat\$4 or connect\$4) with component and knowledge with (database or library) with component	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:33
S22	14	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (element or component) and (interface or communicat\$4 or connect\$4) with (element or component) and knowledge with (database or library) with (element or component)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:35
S23	3	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (element or component) and (interface or communicat\$4 or connect\$4) with (element or component) and knowledge with (database or library) with (element or component) and (input\$4 or receiv\$3 or obtain\$4) with sensor with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:35
S24	6	(diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (element or component) and (interface or communicat\$4 or connect\$4) with (element or component) and knowledge with (database or library) with (element or component) and (input\$4 or receiv\$3 or obtain\$4) with (sens\$3 or detect\$3 or monitor\$3) with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:36
S25	85	("4642782"   "4649515"   "4658370"   "4675829"   "4796194").PN. OR ("4965743").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/30 10:37
S26	1	S25 and (diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (element or component) and (interface or communicat\$4 or connect\$4) with (element or component)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/30 10:38
S27	90	("4517468"   "4628435"   "4644479"   "4648044"   "4649515"   "4654852"   "4658370"   "4698756"   "4777585").PN. OR ("4985857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/30 10:45

S28	2	S27 and (diagnos\$3 or diagnoz\$3 or diagnostics) adj (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (element or component) and (interface or communicat\$4 or connect\$4) with (element or component)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/30 10:46
S29	1738	702/183.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 11:41
S30	612	702/184.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:36
S31	13002100	"5"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:36
S32	912	702/185.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:37
S33	3474	709/201.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:38
S34	7228	709/217.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:40
S35	11055	709/203.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41
S36	406	714/26.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41
S37	1519	706/45.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41
S38	1057	706/47.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41

S39	716	706/52.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41
S40	59	706/912.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41
S41	45	706/914.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41
S42	63	706/920.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:41
S43	681	702/181.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:47
S44	147	702/196.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:47
S46	351	714/e11.157.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:52
S47	1024	714/e11.145.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 15:52
S48	1842	702/183.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:18
S49	641	702/184.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:18
S50	955	702/185.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:18

S51	743	702/181.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:19
S52	149	702/196.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:19
S53	3778	709/201.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:27
S54	7774	709/217.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:27
S55	12100	709/203.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:27
S56	436	714/26.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:28
S57	1983	700/83.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:28
S58	1666	706/45.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:29
S59	1277	706/47.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:29
S60	868	706/52.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:29
S61	63	706/920.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:30

S62	45	706/914.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:30
S63	59	706/912.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:30
S64	34	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:39
S65	3	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map with target with system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:40
S66	29	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:42
S67	29	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:44
S68	2	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map with structure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:45
S69	2	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map with database	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:48
S70	3	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map with (log or database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:48

S71	3	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map with (log or database or file)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:48
S72	21	(diagnos\$3 or diagnoz\$3 or diagnostics) with (fault or fail\$4 or error or problem or malfunction or defect or anomaly) with (equipment or tool or machine or device or system) and topological with map with (log or database or file or data-base or information or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 13:49
S73	56	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system) and topological with map with (log or database or file or data-base or information or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:50
S74	56	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topological with map with (log or database or file or data-base or information or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:50
S75	41	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topological with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:51
S76	34	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topological with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part) and (sensor or detector or monitor) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:54



S77	35	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topological with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part) and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:54
S78	3	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topological with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part) with node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:56
S79	3	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topological with map with (log or database or file or data-base or information or data or library) and (communicat\$4 or interface or connect\$4) with (component or element or part) with node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:56
S80	9	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topological with map with (log or database or file or data-base or information or data or library) and (communicat\$4 or interface or connect\$4 or link\$4) with (component or element or part) same node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 08:57

S81	123	("4817080"   "5023873"   "5079765"   "5097469"   "5132962"   "5293488"   "5315580"   "5329521"   "5434863"   "5490252").PN. OR ("5568471"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/24 09:00
S82	0	S81 and topological with map with (log or database or file or data-base or information or data or library)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:01
S83	4	S81 and topolog\$6 with map with (log or database or file or data-base or information or data or library)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:01
S84	158	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system) and topolog\$6 with map with (log or database or file or data-base or information or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:02
S85	162	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:02
S86	119	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:02
S87	68	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part) and (sensor or detector or monitor) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:03

S88	69	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part) and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:03
S89	9	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data) and (communicat\$4 or interface or connect\$4) with (component or element or part) with node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:04
S90	9	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data or library) and (communicat\$4 or interface or connect\$4) with (component or element or part) with node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:04
S91	24	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data or library) and (communicat\$4 or interface or connect\$4 or link\$4) with (component or element or part) same node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:04

S92	11	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data or library) and (communicat\$4 or interface or connect\$4 or link\$4) with (component or element or part) same node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:05
S93	2	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with (equipment or tool or machine or device or system or unit) and topolog\$6 with map with (log or database or file or data-base or information or data or library) and target with (communicat\$4 or interface or connect\$4 or link\$4) with (component or element or part) same node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:05
S94	4	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with topolog\$6 with map with (log or database or file or data-base or information or data or library) and (communicat\$4 or interface or connect\$4 or link\$4) with (component or element or part) same node and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:11
S95	5	(diagnos\$3 or diagnoz\$3 or diagnostics or analyz\$3 or analys\$3) with (fault or fail\$4 or error or problem or malfunction\$4 or defect or anomaly or abnormal) with topolog\$6 with map with (log or database or file or data-base or information or data or library) and (communicat\$4 or interface or connect\$4 or link\$4) with (component or element or part) and (sensor or detector or monitor or transducer) with (input\$4 or receiv\$3 or obtain\$4 or collect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:12

S96	38250	702/183,184,185.ccls. or 709/201,217,218,203,224.ccls. or 714/26,57.ccls. or 706/45,47,912.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/24 09:15
S116	6	("20030167111"   "5132920"   "5150367"   "5528752"   "5633800"   "5914875").PN.	US-PGPUB; USPAT	OR	ON	2010/08/17 11:18
S117	6	S116 and knowledge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:27
S118	5	S116 and knowledge and node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:27
S119	2	S116 and knowledge and node and (map or imag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:27
S120	0	S116 and topologic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:29
S121	830	topologic\$4 adj map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:30
S122	3	topologic\$4 adj map with diagnostic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:30
S123	23	topolog\$6 adj map with diagnostic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:42
S124	39	topolog\$6 with map with diagnostic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:46
S125	2	topolog\$6 with map with diagnostic with (knowledge or database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:46
S126	13	topolog\$6 with map with diagnostic and stor\$3 with (knowledge or database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:47

S127	13	topolog\$6 with map with diagnostic and stor\$3 with (knowledge or database) and node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:47
S128	10	topolog\$6 with map with diagnostic and stor\$3 with (knowledge or database or library) and node and structure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:48
S129	9	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:48
S130	2	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node with (element or component)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:49
S131	2	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node same (element or component)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:49
S132	9	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node and (element or component)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:50
S133	9	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node and (element or component) and diagnos \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:50
S134	9	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node and (element or component) and diagnos \$5 with (fault or anomaly or malfunction\$4 or error or defect or fail \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:51
S135	9	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node and (element or component) and diagnos \$5 with (fault or anomaly or malfunction\$4 or error or defect or fail \$3) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:51
S136	2	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node and (element or component) and diagnos \$5 with (fault or anomaly or malfunction\$4 or error or defect or fail \$3) and target with system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:51

S137	1	topolog\$6 with map with diagnostic and structure with (knowledge or database or library) and node and (element or component) and diagnos\$5 with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target and motor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:52
S138	12	topolog\$6 with map with node and structure with (knowledge or database or library) and (element or component) and diagnos\$5 with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:52
S139	15	topolog\$6 with map\$4 same node and structure with (knowledge or database or library) and (element or component) and diagnos\$5 with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:53
S140	37	topolog\$6 with map\$4 same node and structure same (knowledge or database or library) and (element or component) and diagnos\$5 with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:54
S141	69	topolog\$6 with map\$4 same node and structure same (knowledge or database or library) and (element or component) and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:55
S142	40	topolog\$6 with map\$4 with node and structure same (knowledge or database or library) and (element or component) and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:55
S143	2	topolog\$6 with map\$4 with node and structure same (knowledge or database or library) and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target with (element or component) with connect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:56
S144	15	topolog\$6 with map\$4 with node and structure same (knowledge or database or library) and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target with connect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:56
S145	3	topolog\$6 with map\$4 with node with target and structure same (knowledge or database or library) and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:58

S146	0	S116 and target with node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:59
S147	1	S116 and target and node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 11:59
S148	0	S116 and topolog\$5 and node	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:00
S149	0	S116 and topolog\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:01
S150	1	S116 and node with link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:01
S151	90	topolog\$6 with map\$4 with (component or element or node) and structure same (knowledge or database or library) and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:11
S152	5	topolog\$6 with map\$4 with (component or element or node) and (map\$4 or match\$3) with target with (knowledge or database or library) and (analys\$3 or analyz\$3 or diagnos \$5) with (fault or anomaly or malfunction\$4 or error or defect or fail \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:13
S153	5	topolog\$6 with map\$4 with (component or element or node) and (map\$4 or match\$3 or struct\$4 or infrastruct\$4) with target with (knowledge or database or library) and (analys\$3 or analyz\$3 or diagnos \$5) with (fault or anomaly or malfunction\$4 or error or defect or fail \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:14
S154	19	topolog\$6 with map\$4 with (component or element or node) and target with (knowledge or database or library) and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:14



S155	33	topolog\$6 with map\$4 with (component or element or node) and link\$3 with (knowledge or database or library) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:16
S156	30	topolog\$6 with map\$4 with (component or element or node) and link\$3 with (knowledge or database or library) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:17
S157	1	topolog\$6 with map\$4 with (component or element or node) with target and link\$3 with (knowledge or database or library) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:18
S158	2	topolog\$6 with map\$4 with (component or element or node) with target and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with (knowledge or database or library)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:19
S159	2	topolog\$6 with map\$4 with (component or element or node) same target and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with (knowledge or database or library or profile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:20
S160	20	topolog\$6 with map\$4 with (component or element or node) same target and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and (knowledge or database or library or profile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:20
S161	4	topolog\$6 with map\$4 with (component or element or node) same target and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and (knowledge or database or library or profile or storage) with topolog\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:21
S162	16	topolog\$6 with map\$4 with (component or element or node) same target and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and (knowledge or database or library or profile or storage) with structur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:22

S163	5	topolog\$6 with map\$4 with (component or element or node) same target and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and topolog\$4 with structur\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:24
S164	181	topolog\$6 with map\$4 and (component or sensor or parameter) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:29
S165	1	topolog\$6 with map\$4 and component with sensor with parameter with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:30
S166	42	topolog\$6 with map\$4 and (component or sensor or parameter) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) and target with system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:30
S167	5	topolog\$6 with map\$4 and (component or sensor or parameter) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with knowledge and target with system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:31
S168	5	topolog\$6 with map\$4 and (component or sensor or parameter) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with knowledge and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:31
S169	5	topolog\$6 with map\$4 and (component or sensor or parameter) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with (neural or knowledge) and target with system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:33
S170	5	topolog\$6 with map\$4 and (component or sensor or parameter) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with (neural or knowledge) and target	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:33
S171	9	topolog\$6 with map\$4 and (component or sensor or parameter) with node and (analys\$3 or analyz\$3 or diagnos\$5) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with (neural or knowledge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:34

S172	16	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map\$4 same (neural or knowledge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:38
S173	28	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map and (neural or knowledge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:40
S174	23	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map and (neural or knowledge) not S172	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:40
S175	1	integrated with (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map and (neural or knowledge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:44
S176	1	integrated with (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:45
S177	2	design with (data or information) with (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:45
S178	3	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map with (train\$3 or neural or knowledge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:46
S179	3	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map same (train\$3 or neural or knowledge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:46
S180	3	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map same (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:48
S181	20	(fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map same (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:49

S182	1	(fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map same (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE) and motor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:50
S183	1	(fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map same (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE) and (gearbox or speed with sensor or motor or wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:50
S184	3	(fault or anomaly or malfunction\$4 or error or defect or fail\$3) same topolog\$6 with map same (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE) and (gearbox or speed with sensor or motor or wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:51
S185	3	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map same (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:52
S186	13	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with map and (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:52
S187	58	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:54
S188	6	(analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with component with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6 with (train\$3 or neural or knowledge or ARTIFICIAL or INTELLIGENCE)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:54
S189	31	("4432057"   "5434994"   "5796999"   "5964886"   "5996075"   "6014669"   "6151684"   "6161191"   "6163855"   "6173413"   "6189111"   "6192417"   "6230183"   "6243814"   "6243825"   "6360331"   "6393485"   "6401120").PN. OR ("6587860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/17 12:57
S190	1	S189 and (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with component with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:57

S191	37	("4432057"   "4620276"   "5247673"   "5261094"   "5274789"   "5434994"   "5471631"   "5581754"   "5603026"   "5613079"   "5649195"   "5671407"   "5675802"   "5724556"   "5737601"   "5771354"   "5787262"   "5796999"   "5956489"   "5964886"   "5996075"   "6014669"   "6052718"   "6151684"   "6151688"   "6161191"   "6163855"   "6173413"   "6189111"   "6192417"   "6230183"   "6243825"   "6360331"   "6393485"   "6401120"   "6587860"   "6748381").PN. OR ("7756830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/17 12:58
S192	2	S191 and (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with component with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:58
S193	3	S191 and (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:58
S194	2	S189 and (analys\$3 or analyz\$3 or diagnos\$5 or determin\$4 or identif\$4 or indicat\$4) with (fault or anomaly or malfunction\$4 or error or defect or fail\$3) with topolog\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 12:59

8/ 17/ 10 2:54:31 PM

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